

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B62K5/08 B62D9/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B62K B62M B62D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 2 279 047 A (DAVID * DOVISON) 21 December 1994 (1994-12-21)	1-5, 7, 8, 18, 21
Y	the whole document	6, 9-11, 19, 20, 22-28
A		12, 20
Y	WO 01/92084 A (APRILIA S.P.A; COCCO, GAETANO; RAFFAELLI, ANDREA; SCOMAZZON, LEANDRO) 6 December 2001 (2001-12-06)	19, 20
A	the whole document	12
Y	DE 201 01 192 U1 (SHAW, ANTHONY) 10 May 2001 (2001-05-10) page 5, line 4 - line 19; figure 5	6
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Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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T later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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G document member of the same patent family

Date of the actual completion of the International search

25 February 2005

Date of mailing of the International search report

03/03/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 4 180 280 A (DOVERI, CARLO) 25 December 1979 (1979-12-25) the whole document -----	9-11
Y	US 3 783 961 A (HOOPER B,GB) 8 January 1974 (1974-01-08) the whole document -----	22-26
Y	DE 30 44 899 A1 (WAGNER, JAN) 3 June 1982 (1982-06-03) claims; figures -----	27
Y	EP 0 626 307 A (DOVERI, MARCO) 30 November 1994 (1994-11-30) claims; figures -----	28
A		6
A	US 4 657 271 A (SALMON ET AL) 14 April 1987 (1987-04-14) claims; figure 1 -----	12-17
A	EP 1 155 950 A (PIAGGIO & C. S.P.A) 21 November 2001 (2001-11-21) claims; figures -----	1
A	US 4 066 142 A (HOOPER ET AL) 3 January 1978 (1978-01-03) the whole document -----	22

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
GB 2279047	A	21-12-1994	NONE	
WO 0192084	A	06-12-2001	IT PN20000034 A1	03-12-2001
			CA 2395864 A1	06-12-2001
			WO 0192084 A1	06-12-2001
			EP 1227966 A1	07-08-2002
			JP 2003535742 T	02-12-2003
			US 2002190494 A1	19-12-2002
DE 20101192	U1	10-05-2001	NONE	
US 4180280	A	25-12-1979	IT 1033014 B	10-07-1979
			BE 861582 A1	31-03-1978
			CH 617396 A5	30-05-1980
			DE 2744368 A1	17-08-1978
			DK 431477 A	11-08-1978
			ES 463563 A1	16-08-1978
			FR 2380181 A1	08-09-1978
			GB 1584316 A	11-02-1981
			HK 56681 A	27-11-1981
			IN 148948 A1	25-07-1981
			MY 17582 A	31-12-1982
			NL 7711647 A ,B,	14-08-1978
US 3783961	A	08-01-1974	GB 1356106 A	12-06-1974
			CA 946295 A1	30-04-1974
			DE 2133521 A1	20-01-1972
DE 3044899	A1	03-06-1982	NONE	
EP 0626307	A	30-11-1994	EP 0626307 A1	30-11-1994
			AT 173989 T	15-12-1998
			DE 69322377 D1	14-01-1999
			DE 69322377 T2	24-06-1999
US 4657271	A	14-04-1987	NONE	
EP 1155950	A	21-11-2001	IT MI20001079 A1	16-11-2001
			CN 1323717 A	28-11-2001
			EP 1155950 A2	21-11-2001
			TW 469239 B	21-12-2001
US 4066142	A	03-01-1978	GB 1528925 A	18-10-1978